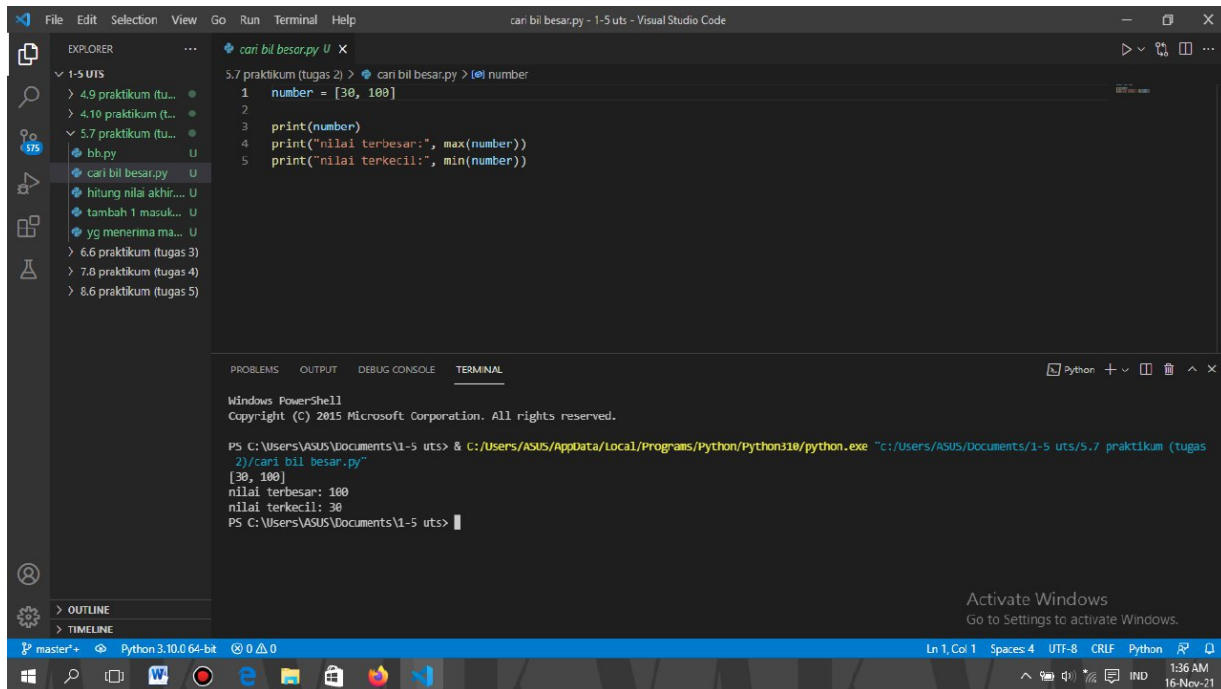


## 1. Mencari bilangan besar



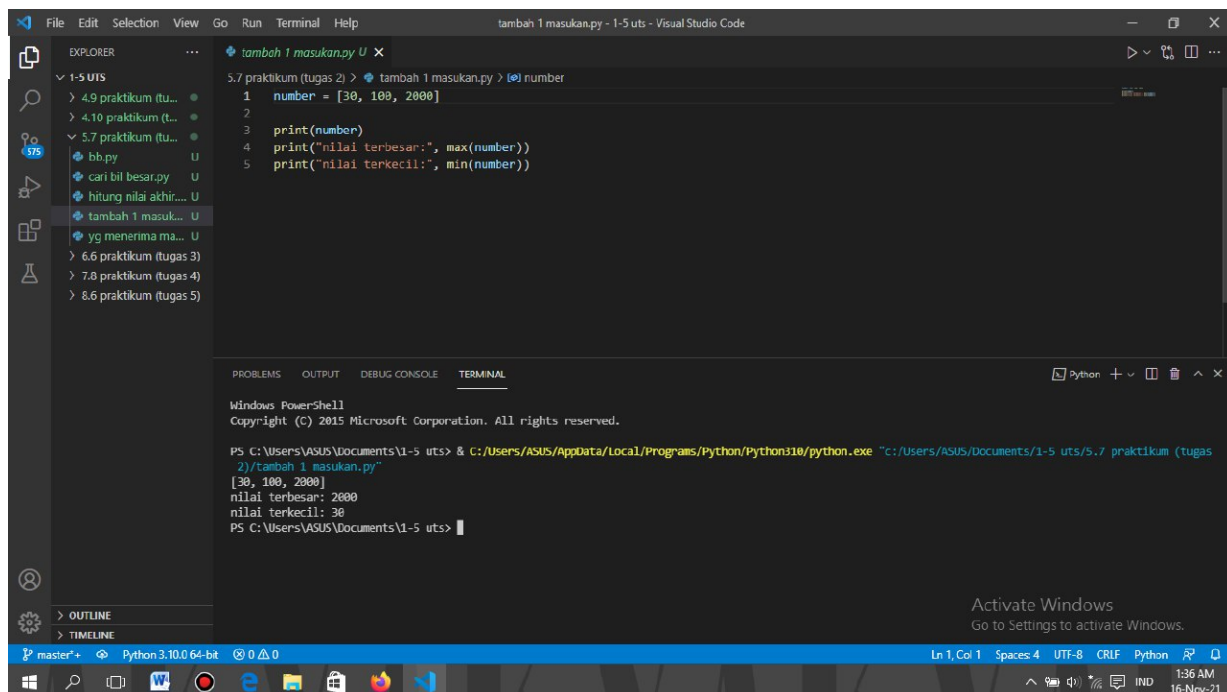
The screenshot shows the Visual Studio Code interface with a file explorer on the left containing a folder '1-5 uts' with several files. The active file is 'cari bil besar.py'. The code in the editor is as follows:

```
1 number = [30, 100]
2
3 print(number)
4 print("nilai terbesar:", max(number))
5 print("nilai terkecil:", min(number))
```

The terminal at the bottom shows the command to run the script and its output:

```
PS C:\Users\ASUS\Documents\1-5 uts> & C:/Users/ASUS/AppData/Local/Programs/Python/Python310/python.exe "C:/Users/ASUS/Documents/1-5 uts/5.7 praktikum (tugas 2)/cari bil besar.py"
[30, 100]
nilai terbesar: 100
nilai terkecil: 30
PS C:\Users\ASUS\Documents\1-5 uts>
```

## 2. tambah 1 masukan



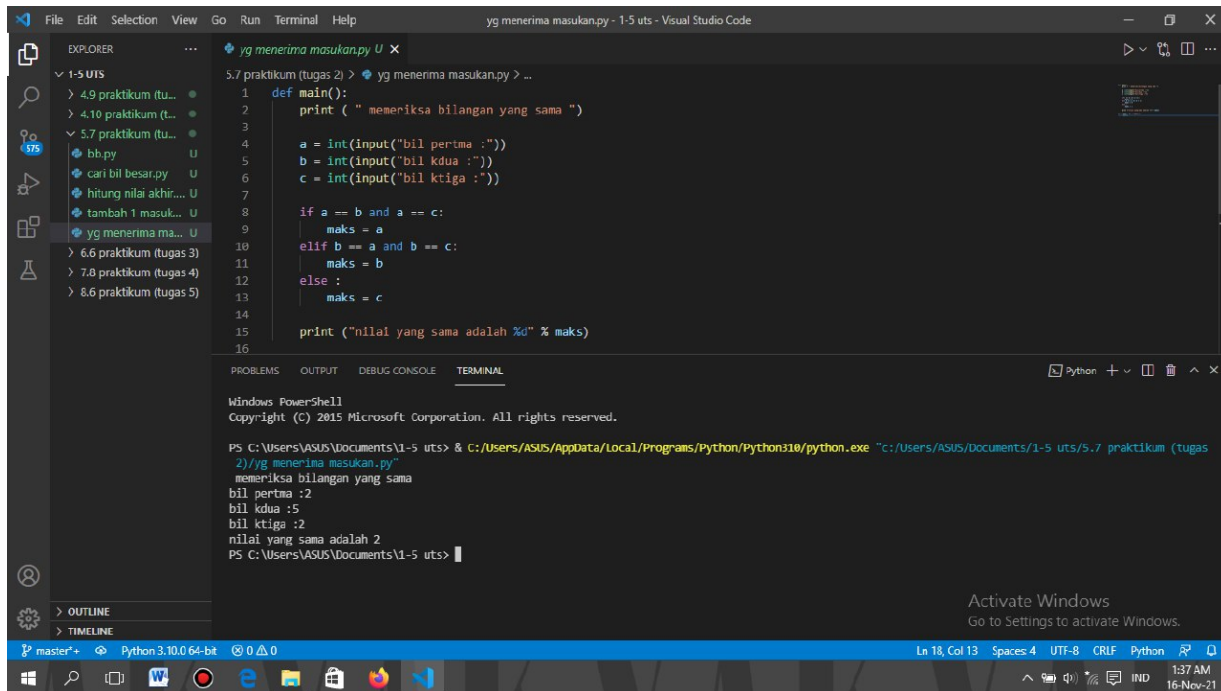
The screenshot shows the Visual Studio Code interface with a file explorer on the left containing a folder '1-5 uts' with several files. The active file is 'tambah 1 masukan.py'. The code in the editor is as follows:

```
1 number = [30, 100, 2000]
2
3 print(number)
4 print("nilai terbesar:", max(number))
5 print("nilai terkecil:", min(number))
```

The terminal at the bottom shows the command to run the script and its output:

```
PS C:\Users\ASUS\Documents\1-5 uts> & C:/Users/ASUS/AppData/Local/Programs/Python/Python310/python.exe "C:/Users/ASUS/Documents/1-5 uts/5.7 praktikum (tugas 2)/tambah 1 masukan.py"
[30, 100, 2000]
nilai terbesar: 2000
nilai terkecil: 30
PS C:\Users\ASUS\Documents\1-5 uts>
```

### 3. Yang menerima masukan



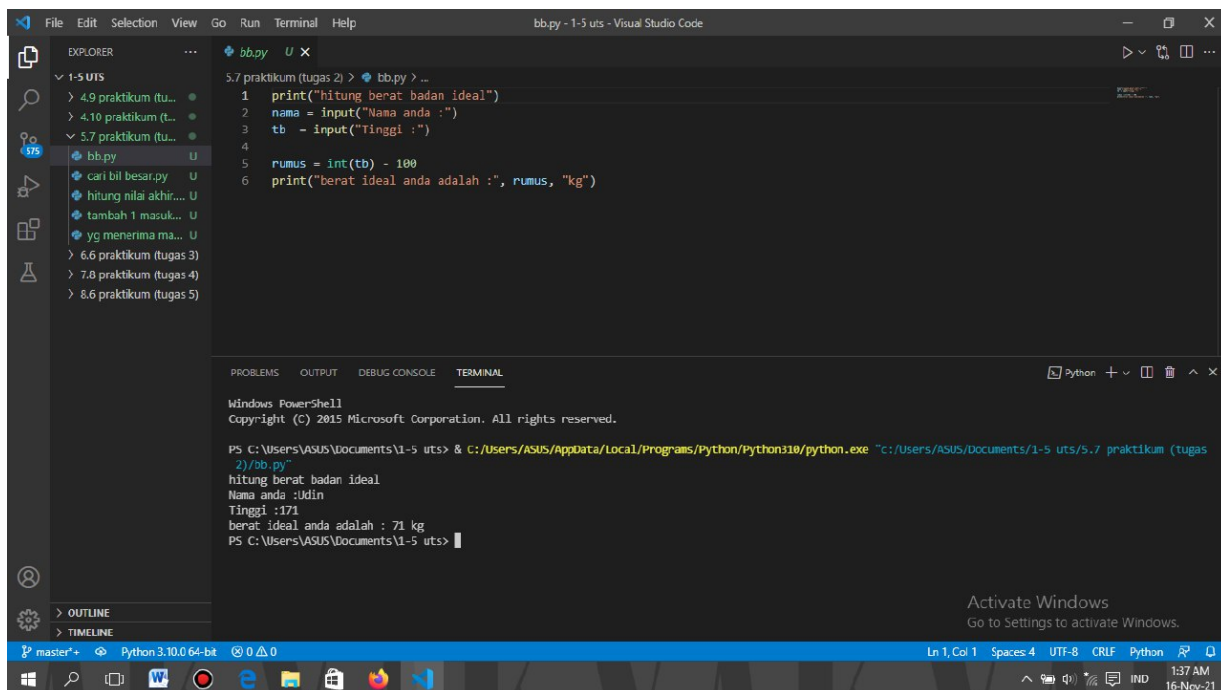
The screenshot shows the Visual Studio Code interface with a file explorer on the left containing a folder '1-5 uts' with several files. The main editor displays a Python script 'yg menerima masukan.py' with the following code:

```
def main():  
    print (" memeriksa bilangan yang sama ")  
  
    a = int(input("bil pertama :"))  
    b = int(input("bil kedua :"))  
    c = int(input("bil ketiga :"))  
  
    if a == b and a == c:  
        maks = a  
    elif b == a and b == c:  
        maks = b  
    else :  
        maks = c  
  
    print ("nilai yang sama adalah %d" % maks)
```

The terminal window at the bottom shows the command prompt execution of the script:

```
PS C:\Users\ASUS\Documents\1-5 uts> & C:\Users\ASUS\AppData\Local\Programs\Python\Python310\python.exe "C:\Users\ASUS\Documents\1-5 uts\5.7 praktikum (tugas 2)\yg menerima masukan.py"  
memeriksa bilangan yang sama  
bil pertama :2  
bil kedua :5  
bil ketiga :2  
nilai yang sama adalah 2  
PS C:\Users\ASUS\Documents\1-5 uts>
```

### 4. Berat badan



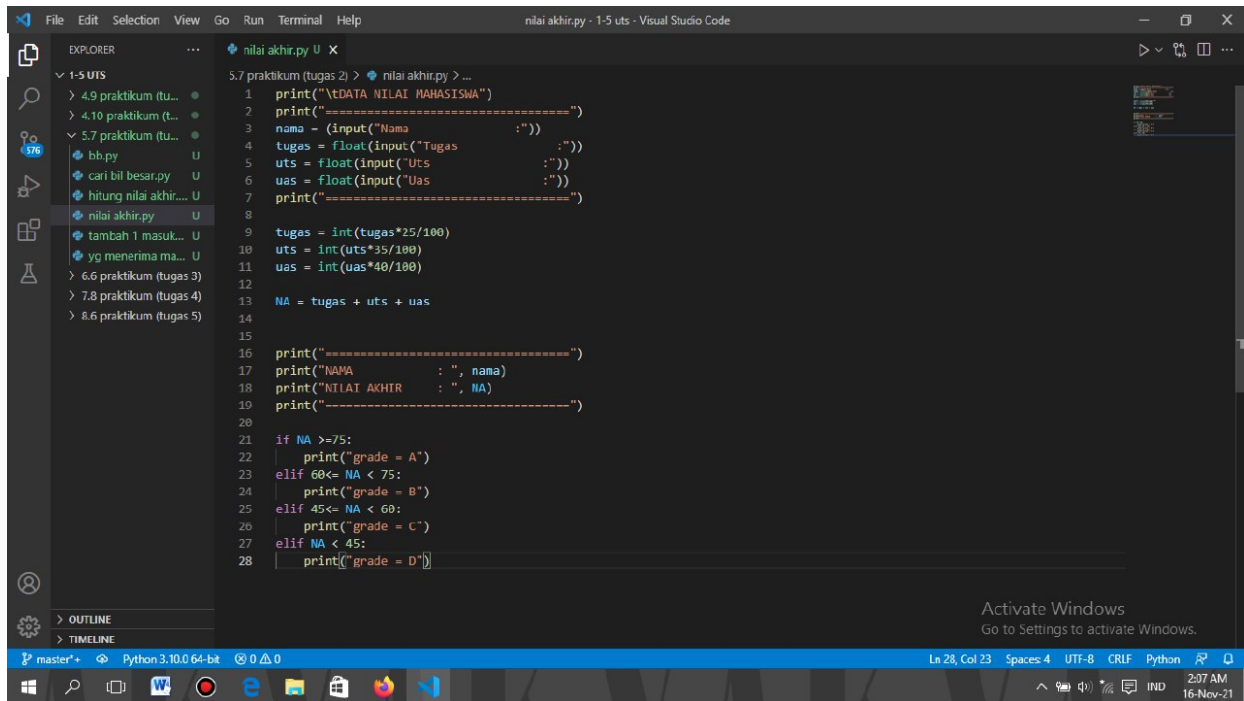
The screenshot shows the Visual Studio Code interface with a file explorer on the left containing a folder '1-5 uts' with several files. The main editor displays a Python script 'bb.py' with the following code:

```
1 print("hitung berat badan ideal")  
2 nama = input("Nama anda :")  
3 tb = input("Tinggi :")  
4  
5 rumus = int(tb) - 100  
6 print("berat ideal anda adalah :", rumus, "kg")
```

The terminal window at the bottom shows the command prompt execution of the script:

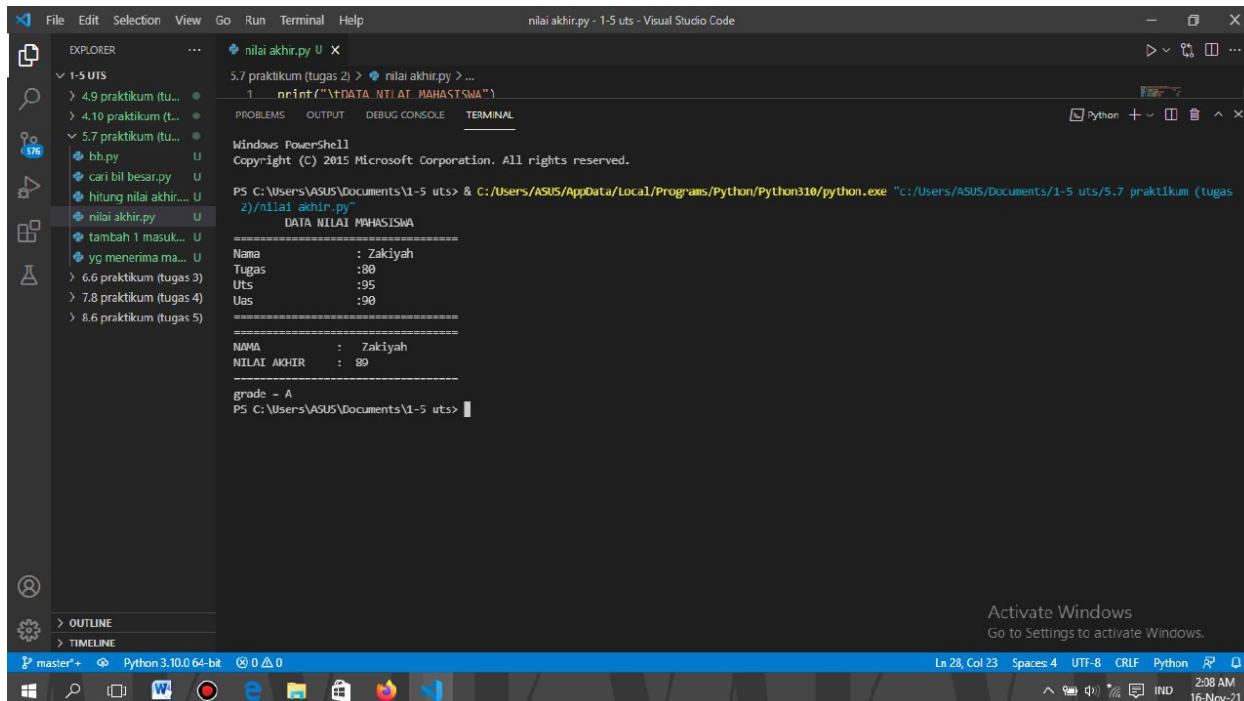
```
PS C:\Users\ASUS\Documents\1-5 uts> & C:\Users\ASUS\AppData\Local\Programs\Python\Python310\python.exe "C:\Users\ASUS\Documents\1-5 uts\5.7 praktikum (tugas 2)\bb.py"  
hitung berat badan ideal  
Nama anda :uklin  
Tinggi :171  
berat ideal anda adalah : 71 kg  
PS C:\Users\ASUS\Documents\1-5 uts>
```

## 5. Nilai akhir



The screenshot shows the Visual Studio Code editor with the file 'nilai\_akhir.py' open. The code is a Python script that calculates the final grade based on three inputs: Tugas, Uts, and Uas. The script uses a weighted average formula and a conditional statement to determine the final grade (A, B, C, or D).

```
5.7 praktikum (tugas 2) > nilai_akhir.py > ...
1 print("\tDATA NILAI MAHASISWA")
2 print("=====")
3 nama = (input("Nama :"))
4 tugas = float(input("Tugas :"))
5 uts = float(input("Uts :"))
6 uas = float(input("Uas :"))
7 print("=====")
8
9 tugas = int(tugas*25/100)
10 uts = int(uts*35/100)
11 uas = int(uas*40/100)
12
13 NA = tugas + uts + uas
14
15
16 print("=====")
17 print("NAMA : ", nama)
18 print("NILAI AKHIR : ", NA)
19 print("=====")
20
21 if NA >= 75:
22     print("grade = A")
23 elif 60 <= NA < 75:
24     print("grade = B")
25 elif 45 <= NA < 60:
26     print("grade = C")
27 elif NA < 45:
28     print("grade = D")
```



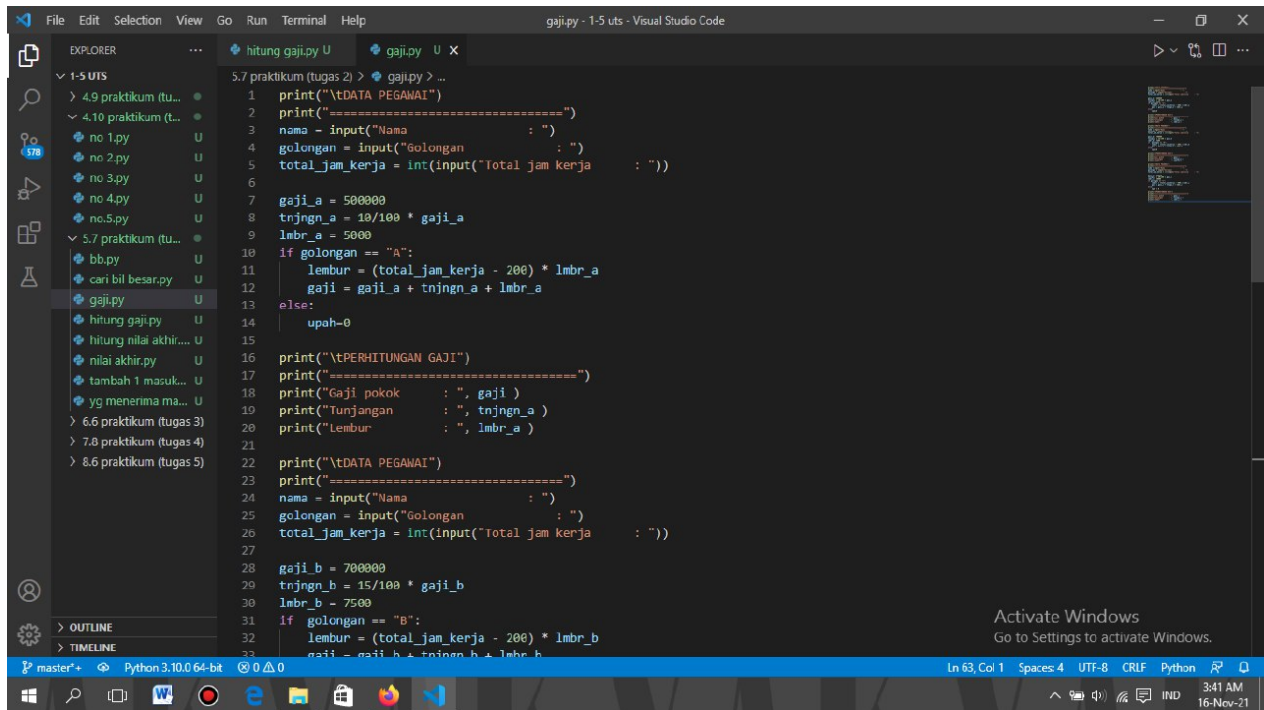
The screenshot shows the Visual Studio Code editor with the file 'nilai\_akhir.py' open. The terminal window is active, displaying the output of the script. The user has entered the name 'Zakiyah', and the script has calculated the final grade as 'A'.

```
5.7 praktikum (tugas 2) > nilai_akhir.py > ...
1 _print("\tDATA NILAI MAHASISWA")

Windows PowerShell
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PS C:\Users\ASUS\Documents\1-5 uts> & C:/Users/ASUS/AppData/Local/Programs/Python/Python310/python.exe "C:/Users/ASUS/Documents/1-5 uts/5.7 praktikum (tugas
2)/nilai_akhir.py"
DATA NILAI MAHASISWA
=====
Nama : Zakiyah
Tugas : 80
Uts : 95
Uas : 90
=====
NAMA : Zakiyah
NILAI AKHIR : 89
=====
grade = A
PS C:\Users\ASUS\Documents\1-5 uts>
```

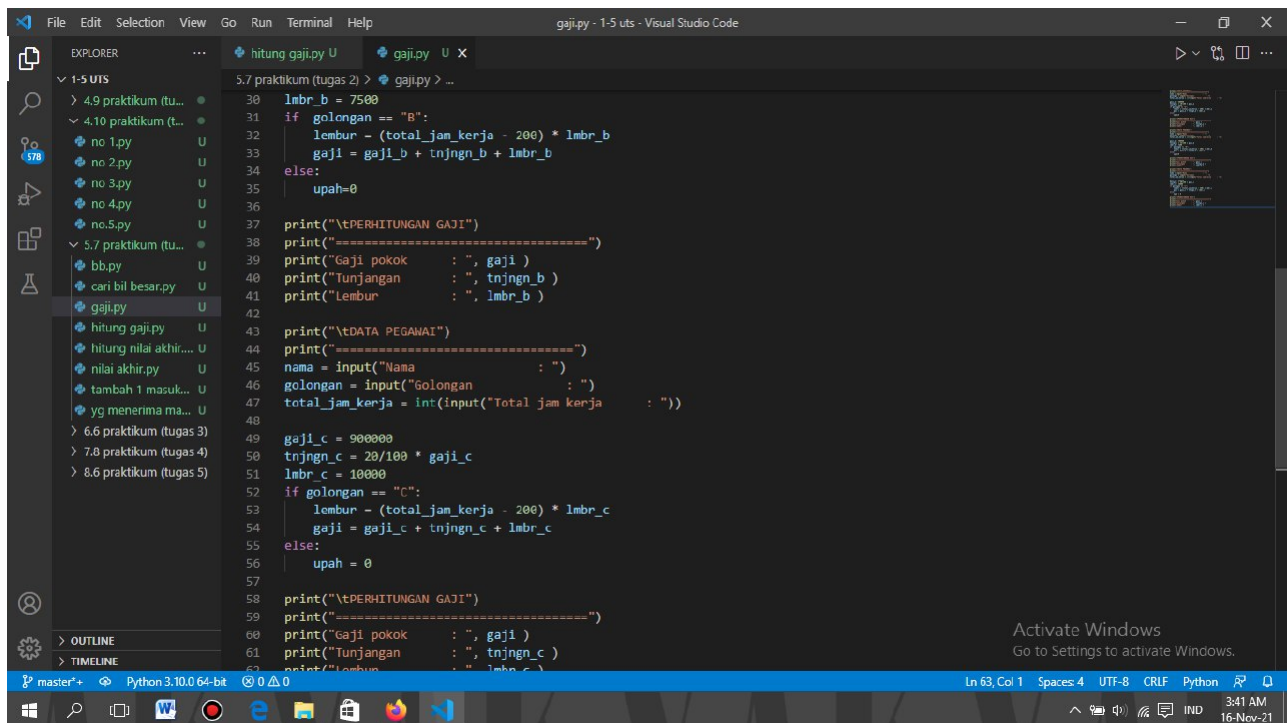
## 6. Menghitung gaji



```
File Edit Selection View Go Run Terminal Help
gaji.py - 1-5 uts - Visual Studio Code

EXPLORER
5.7 praktikum (tugas 2) > gaji.py > ...
> 4.9 praktikum (tu...
> 4.10 praktikum (t...
  no 1.py U
  no 2.py U
  no 3.py U
  no 4.py U
  no 5.py U
5.7 praktikum (tu...
  bb.py U
  cari bil besar.py U
  gaji.py U
  hitung gaji.py U
  hitung nilai akhir... U
  nilai akhir.py U
  tambah 1 masuk... U
  yg menerima ma... U
> 6.6 praktikum (tugas 3)
> 7.8 praktikum (tugas 4)
> 8.6 praktikum (tugas 5)

5.7 praktikum (tugas 2) > gaji.py > ...
1 print("\tDATA PEGAWAI")
2 print("=====")
3 nama = input("Nama : ")
4 golongan = input("Golongan : ")
5 total_jam_kerja = int(input("Total jam kerja : "))
6
7 gaji_a = 500000
8 tnjngn_a = 10/100 * gaji_a
9 lmr_a = 5000
10 if golongan == "A":
11     lembur = (total_jam_kerja - 200) * lmr_a
12     gaji = gaji_a + tnjngn_a + lmr_a
13 else:
14     upah=0
15
16 print("\tPERHITUNGAN GAJI")
17 print("=====")
18 print("Gaji pokok : ", gaji )
19 print("Tunjangan : ", tnjngn_a )
20 print("Lembur : ", lmr_a )
21
22 print("\tDATA PEGAWAI")
23 print("=====")
24 nama = input("Nama : ")
25 golongan = input("Golongan : ")
26 total_jam_kerja = int(input("Total jam kerja : "))
27
28 gaji_b = 700000
29 tnjngn_b = 15/100 * gaji_b
30 lmr_b = 7500
31 if golongan == "B":
32     lembur = (total_jam_kerja - 200) * lmr_b
33     gaji = gaji_b + tnjngn_b + lmr_b
34
35 print("\tPERHITUNGAN GAJI")
36 print("=====")
37 print("Gaji pokok : ", gaji )
38 print("Tunjangan : ", tnjngn_b )
39 print("Lembur : ", lmr_b )
40
41 print("\tDATA PEGAWAI")
42 print("=====")
43 nama = input("Nama : ")
44 golongan = input("Golongan : ")
45 total_jam_kerja = int(input("Total jam kerja : "))
46
47 gaji_c = 900000
48 tnjngn_c = 20/100 * gaji_c
49 lmr_c = 10000
50 if golongan == "C":
51     lembur = (total_jam_kerja - 200) * lmr_c
52     gaji = gaji_c + tnjngn_c + lmr_c
53 else:
54     upah = 0
55
56 print("\tPERHITUNGAN GAJI")
57 print("=====")
58 print("Gaji pokok : ", gaji )
59 print("Tunjangan : ", tnjngn_c )
60 print("Lembur : ", lmr_c )
61
Python 3.10.0 64-bit 0 0
Ln 63, Col 1 Spaces 4 UTF-8 CRLF Python 3:41 AM 16-Nov-21
```



```
File Edit Selection View Go Run Terminal Help
gaji.py - 1-5 uts - Visual Studio Code

EXPLORER
5.7 praktikum (tugas 2) > gaji.py > ...
> 4.9 praktikum (tu...
> 4.10 praktikum (t...
  no 1.py U
  no 2.py U
  no 3.py U
  no 4.py U
  no 5.py U
5.7 praktikum (tu...
  bb.py U
  cari bil besar.py U
  gaji.py U
  hitung gaji.py U
  hitung nilai akhir... U
  nilai akhir.py U
  tambah 1 masuk... U
  yg menerima ma... U
> 6.6 praktikum (tugas 3)
> 7.8 praktikum (tugas 4)
> 8.6 praktikum (tugas 5)

5.7 praktikum (tugas 2) > gaji.py > ...
30 lmr_b = 7500
31 if golongan == "B":
32     lembur = (total_jam_kerja - 200) * lmr_b
33     gaji = gaji_b + tnjngn_b + lmr_b
34 else:
35     upah=0
36
37 print("\tPERHITUNGAN GAJI")
38 print("=====")
39 print("Gaji pokok : ", gaji )
40 print("Tunjangan : ", tnjngn_b )
41 print("Lembur : ", lmr_b )
42
43 print("\tDATA PEGAWAI")
44 print("=====")
45 nama = input("Nama : ")
46 golongan = input("Golongan : ")
47 total_jam_kerja = int(input("Total jam kerja : "))
48
49 gaji_c = 900000
50 tnjngn_c = 20/100 * gaji_c
51 lmr_c = 10000
52 if golongan == "C":
53     lembur = (total_jam_kerja - 200) * lmr_c
54     gaji = gaji_c + tnjngn_c + lmr_c
55 else:
56     upah = 0
57
58 print("\tPERHITUNGAN GAJI")
59 print("=====")
60 print("Gaji pokok : ", gaji )
61 print("Tunjangan : ", tnjngn_c )
62 print("Lembur : ", lmr_c )
63
Python 3.10.0 64-bit 0 0
Ln 63, Col 1 Spaces 4 UTF-8 CRLF Python 3:41 AM 16-Nov-21
```

File Edit Selection View Go Run Terminal Help gaji.py · 1-5 uts · Visual Studio Code

EXPLORER PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL Python + -

1-5 UTS

- > 4.9 praktikum (tu...
- > 4.10 praktikum (t...
- no 1.py U
- no 2.py U
- no 3.py U
- no 4.py U
- no 5.py U
- 5.7 praktikum (tu...
- bb.py U
- cari bil besar.py U
- gaji.py U
- hitung gaji.py U
- hitung nilai akhi...
- nilai akhir.py U
- tambah 1 masuk... U
- yg menerima ma... U
- > 6.6 praktikum (tugas 3)
- > 7.8 praktikum (tugas 4)
- > 8.6 praktikum (tugas 5)

OUTLINE

TIMELINE

Windows PowerShell

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PS C:\Users\ASUS\Documents\1-5 uts> & C:/Users/ASUS/AppData/Local/Programs/Python/Python310/python.exe "c:/Users/ASUS/Documents/1-5 uts/5.7 praktikum (tugas 2)/gaji.py"

DATA PEGAWAI

=====

Nama : muhammad

Golongan : A

Total jam kerja : 230

PERHITUNGAN GAJI

=====

Gaji pokok : 555000.0

Tunjangan : 50000.0

Lembur : 5000

DATA PEGAWAI

=====

Nama : yusuf

Golongan : B

Total jam kerja : 130

PERHITUNGAN GAJI

=====

Gaji pokok : 812500.0

Tunjangan : 105000.0

Lembur : 7500

DATA PEGAWAI

=====

Nama : putra

Golongan : C

Total jam kerja : 240

PERHITUNGAN GAJI

=====

Gaji pokok : 1000000.0

Tunjangan : 180000.0

Lembur : 10000

PS C:\Users\ASUS\Documents\1-5 uts> & C:/Users/ASUS/AppData/Local/Programs/Python/Python310/python.exe "c:/Users/ASUS/Documents/1-5 uts/5.7 praktikum (tugas 2)/gaji.py"

Activate Windows

Go to Settings to activate Windows.

Ln 63, Col 1 Spaces 4 UTF-8 CRLF Python

3:43 AM 16-Nov-21